

- E<sup>1</sup>
- c) obtaining a primary cell population from said immunized human comprising T cells capable of secreting cytokines;
  - d) adding said primary cell population to said microwell under conditions such that said T cell secretes a cytokine that binds to said first cytokine binding ligand; and
  - e) detecting said secreted T cell cytokine to detect Th1 and Th2 directed immunity generated in said human.
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E<sup>2</sup>

20. (Amended) The method of Claim [19]18, wherein said detecting of step (e) comprises use of a second cytokine binding ligand.

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Please ~~add~~ the following Claims:

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22. The method of Claim 18, wherein said first cytokine binding ligand is a monoclonal antibody selected from the group consisting of anti-IL2, anti-IFN $\gamma$ , anti-IL4, anti-IL5, and anti-IL10.

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23. The method of Claim 18, wherein said first cytokine binding ligand comprises a first monoclonal antibody and a second monoclonal antibody.

24. The method of Claim 23, wherein said first monoclonal antibody is selected from the group consisting of anti-IL2 and anti-IFN $\gamma$ ; and said second monoclonal antibody is selected from the group consisting of anti-IL4, anti-IL5, and anti-IL10.

- ~~25.~~
- ~~A method of immunizing a human, comprising:~~
- ~~a) providing: i) a human with symptoms of multiple sclerosis, and ii) an immunizing preparation comprising myelin basic protein and Incomplete Freund's Adjuvant; and~~
  - ~~b) immunizing said human with said immunizing preparation under conditions such that said symptoms are reduced.~~
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